

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052121\
 Data File : VV021366.D
 Acq On : 21 May 2021 18:11
 Operator : SY/MD
 Sample : M2494-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 01:40:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 21 12:12:53 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	280887	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	262323	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	143385	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	79728	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.568	69	67911	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.111	63	219797	7.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	143.40%#
20) 2-Butanone-d5	3.899	46	226532	46.27	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.54%
24) Chloroform-d	4.352	84	167166	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.037	65	81377	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.053	84	343886	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.072	67	107945	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.320	98	316222	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloroprop...	7.625	79	44310	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.088	63	154254	42.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.34%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	62140	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
66) 1,2-Dichlorobenzene-d4	11.625	152	130981	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	1538	0.10	ug/L #	27
12) 1,1-Dichloroethene	2.118	96	241090	15.55	ug/L #	86
19) 1,1-Dichloroethane	3.192	63	118372	3.55	ug/L	99
22) cis-1,2-Dichloroethene	3.921	96	4500	0.22	ug/L	93
25) Chloroform	4.388	83	5984	0.17	ug/L	97
27) 1,2-Dichloroethane	5.146	62	5781	0.30	ug/L	95
29) 1,1,1-Trichloroethane	4.613	97	120883	3.76	ug/L	97
31) Carbon tetrachloride	4.613	117	15676	0.55	ug/L	94
34) Trichloroethene	5.925	95	6188	0.28	ug/L	97
35) Methylcyclohexane	6.072	83	25414	0.75	ug/L #	21
42) Toluene	7.404	91	6385	0.08	ug/L	98
47) Tetrachloroethene	7.976	164	231851	12.69	ug/L	96
48) 2-Hexanone	8.146	43	41135	4.94	ug/L #	83
49) Dibromochloromethane	7.976	129	191159	10.47	ug/L #	11
60) Isopropylbenzene	10.921	105	1233	0.01	ug/L #	82
61) 1,2,3-Trichloropropane	11.249	75	15221	1.43	ug/L #	66
62) 1,3,5-Trimethylbenzene	10.548	105	325	0.00	ug/L #	28
63) 1,2,4-Trimethylbenzene	10.921	105	1233	0.02	ug/L	86

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Quant Time: May 22 01:40:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri May 21 12:12:53 2021
Response via : Initial Calibration

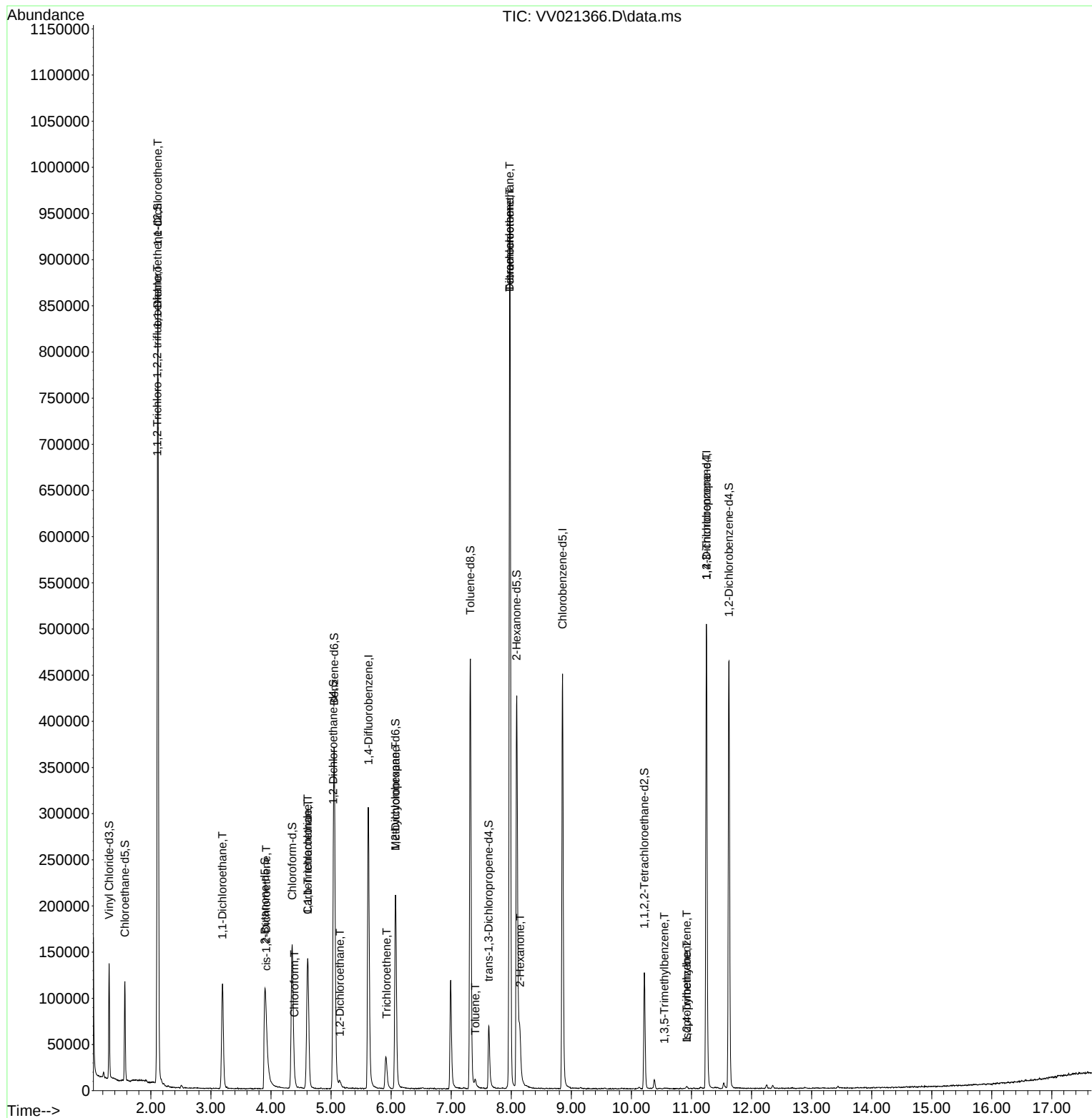
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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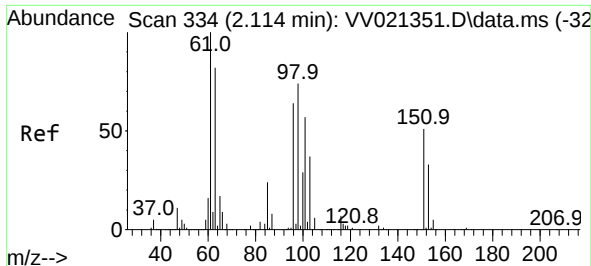
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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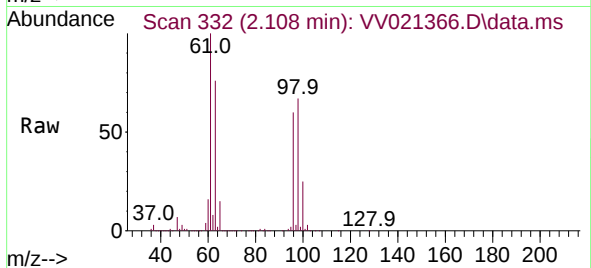
Quant Time: May 22 01:40:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052121WMA.M
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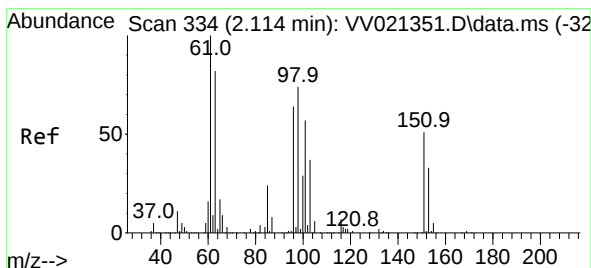
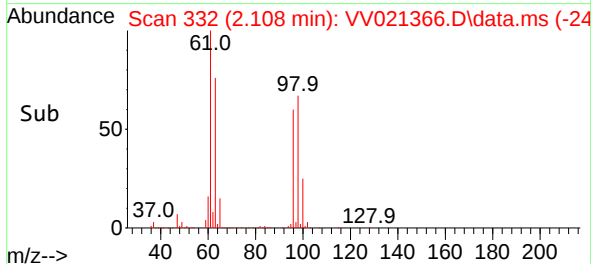
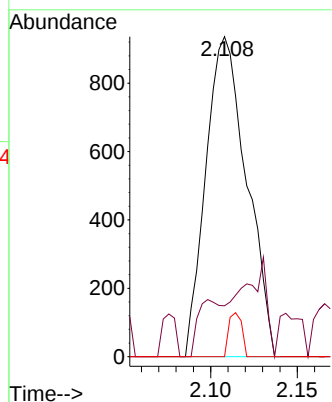


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.10 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.006 min
 Lab File: VV021366.D
 Acq: 21 May 2021 18:11

Instrument :
 MSVOA_V
 ClientSampleId :

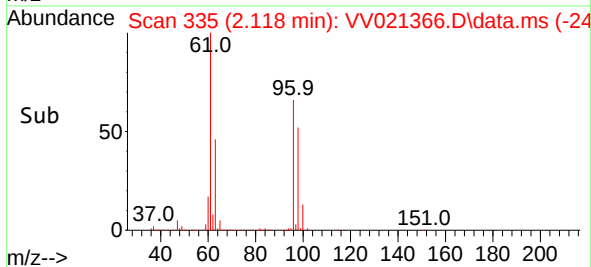
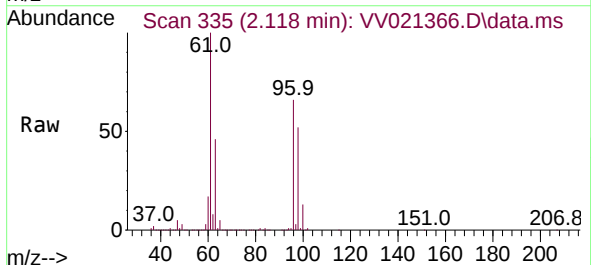
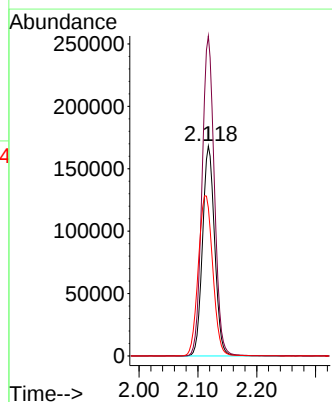


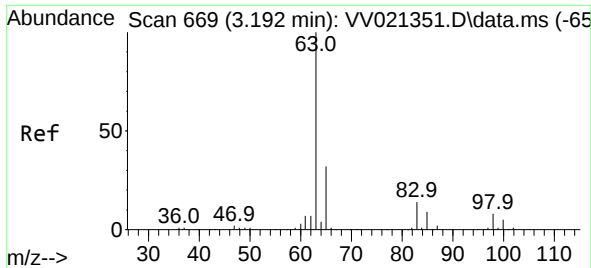
Tgt Ion:101 Resp: 1538
 Ion Ratio Lower Upper
 101 100
 85 11.2 33.0 49.6#
 151 4.4 64.2 96.2#



#12
 1,1-Dichloroethene
 Concen: 15.55 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV021366.D
 Acq: 21 May 2021 18:11

Tgt Ion: 96 Resp: 241090
 Ion Ratio Lower Upper
 96 100
 61 152.4 109.8 204.0
 63 70.5 71.3 132.3#



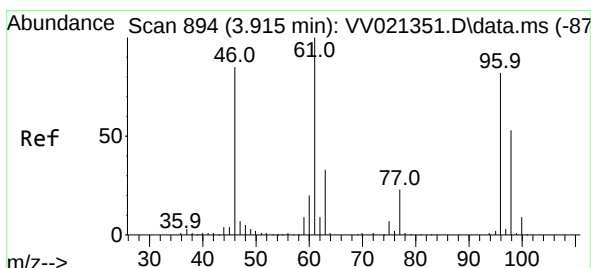
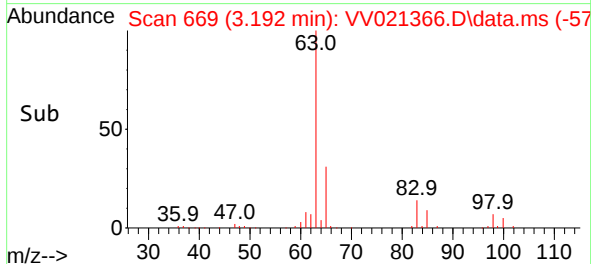
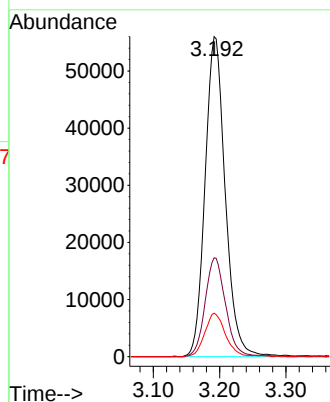
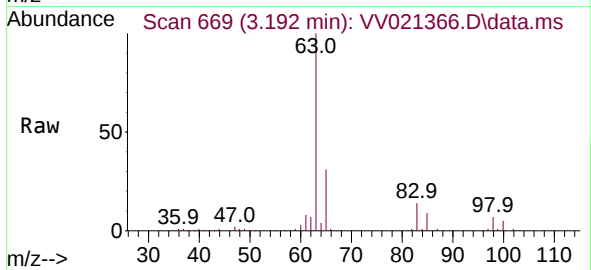


#19
1,1-Dichloroethane
Concen: 3.55 ug/L
RT: 3.192 min Scan# 669
Delta R.T. 0.000 min
Lab File: VV021366.D
Acq: 21 May 2021 18:11

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 63 Resp: 118372

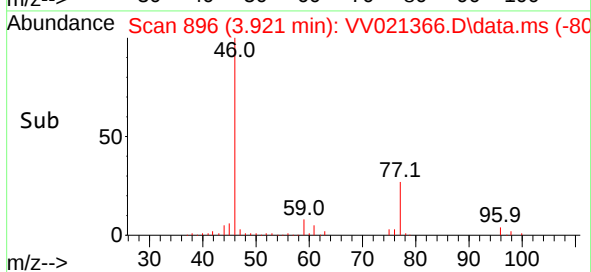
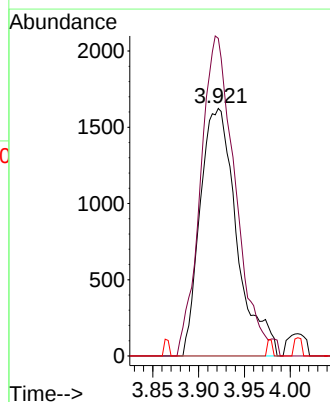
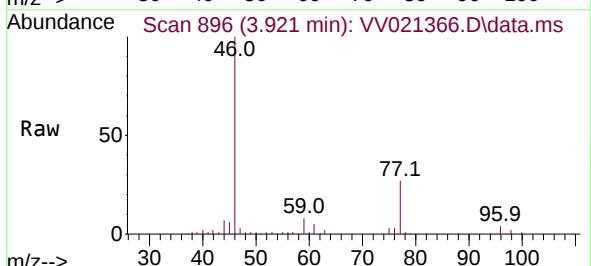
Ion	Ratio	Lower	Upper
63	100		
65	30.9	22.3	41.5
83	13.6	9.7	17.9

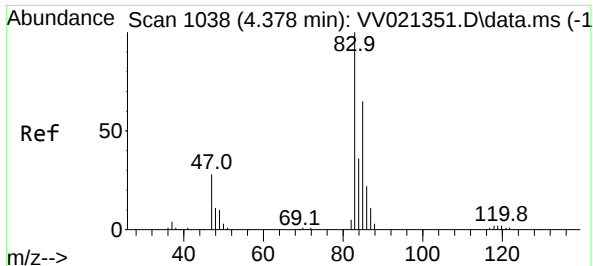


#22
cis-1,2-Dichloroethene
Concen: 0.22 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.006 min
Lab File: VV021366.D
Acq: 21 May 2021 18:11

Tgt Ion: 96 Resp: 4500

Ion	Ratio	Lower	Upper
96	100		
61	128.3	84.6	157.2
68	0.0	0.0	0.0





#25

Chloroform

Concen: 0.17 ug/L

RT: 4.388 min Scan# 1041

Delta R.T. 0.010 min

Lab File: VV021366.D

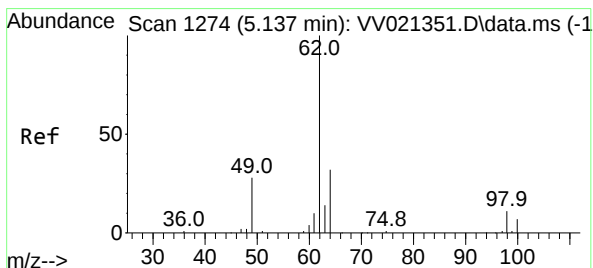
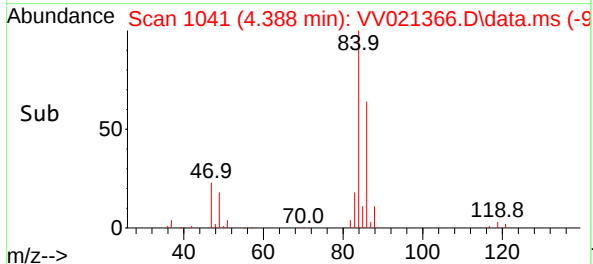
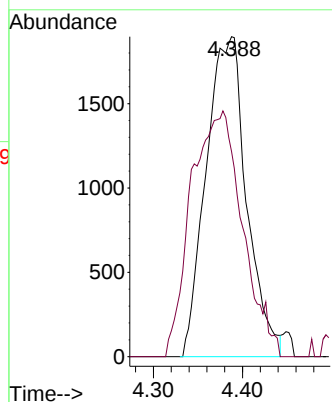
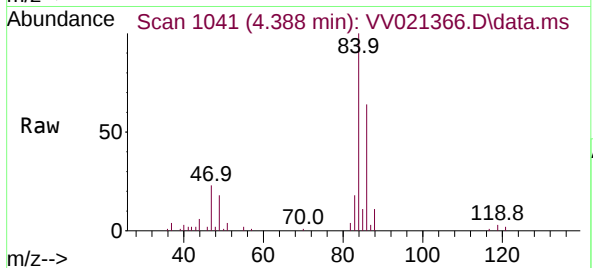
Acq: 21 May 2021 18:11

Tgt Ion: 83 Resp: 5984

Ion Ratio Lower Upper

83 100

85 64.1 46.4 86.2



#27

1,2-Dichloroethane

Concen: 0.30 ug/L

RT: 5.146 min Scan# 1277

Delta R.T. 0.010 min

Lab File: VV021366.D

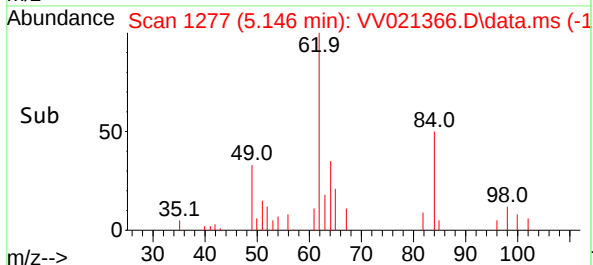
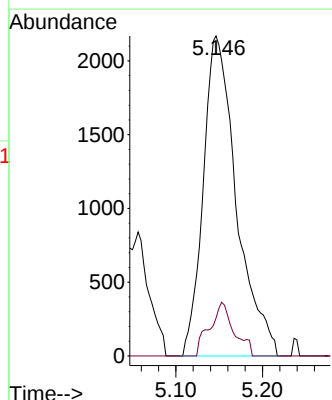
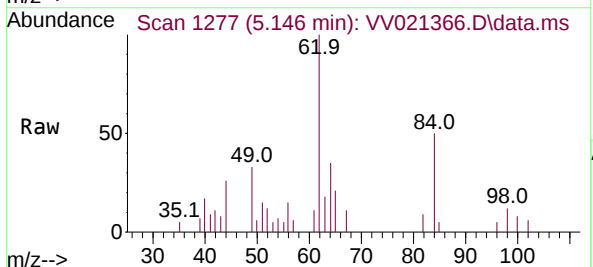
Acq: 21 May 2021 18:11

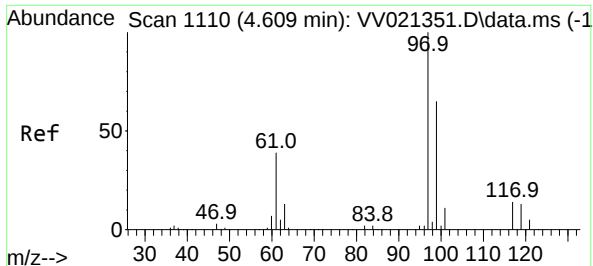
Tgt Ion: 62 Resp: 5781

Ion Ratio Lower Upper

62 100

98 11.8 8.0 12.0





#29

1,1,1-Trichloroethane

Concen: 3.76 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VV021366.D

Acq: 21 May 2021 18:11

Tgt Ion: 97 Resp: 120883

Ion Ratio Lower Upper

97 100

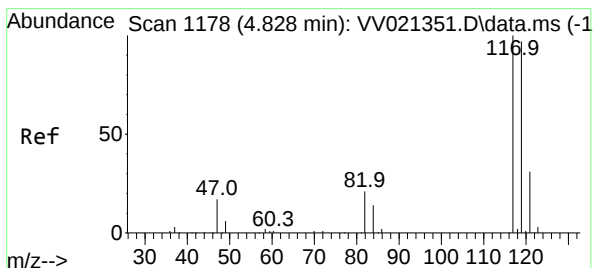
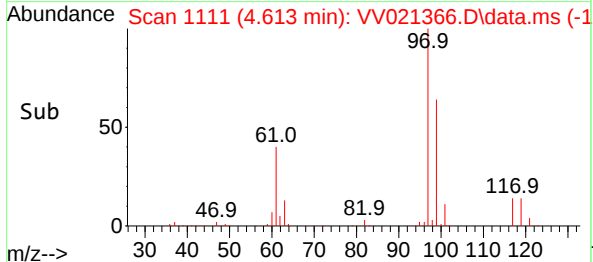
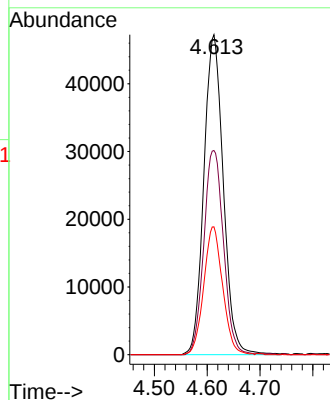
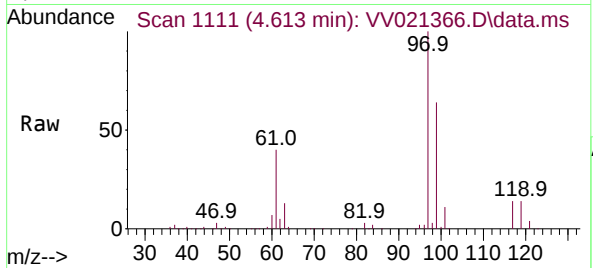
99 64.6 50.6 75.8

61 38.8 33.2 49.8

Instrument :

MSVOA_V

ClientSampled :



#31

Carbon tetrachloride

Concen: 0.55 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. -0.215 min

Lab File: VV021366.D

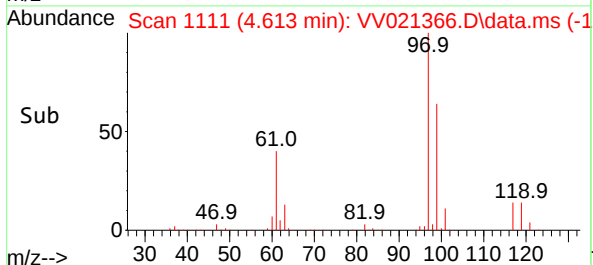
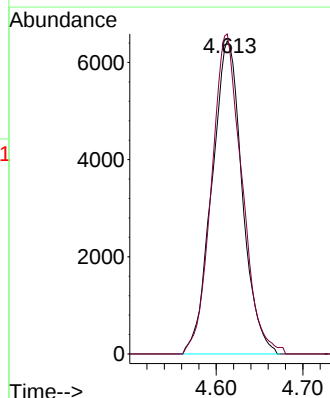
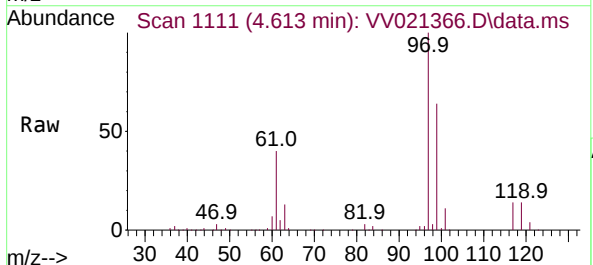
Acq: 21 May 2021 18:11

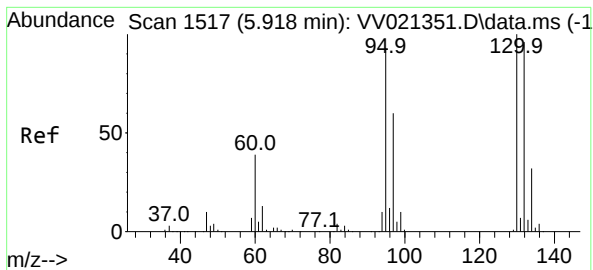
Tgt Ion: 117 Resp: 15676

Ion Ratio Lower Upper

117 100

119 102.5 77.4 116.2



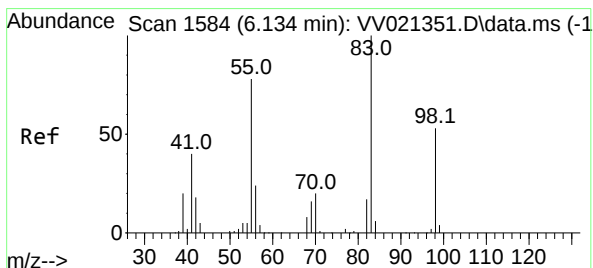
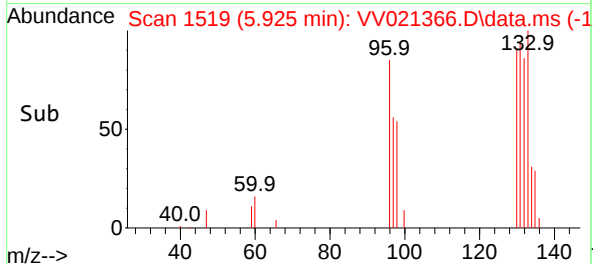
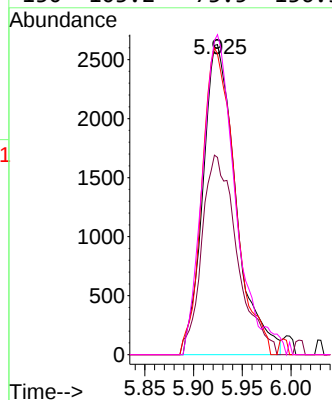
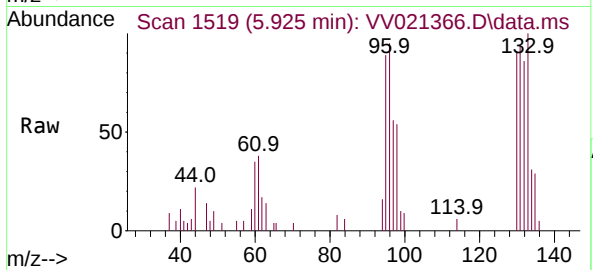


#34
Trichloroethene
Concen: 0.28 ug/L
RT: 5.925 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VV021366.D
Acq: 21 May 2021 18:11

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 95 Resp: 6188

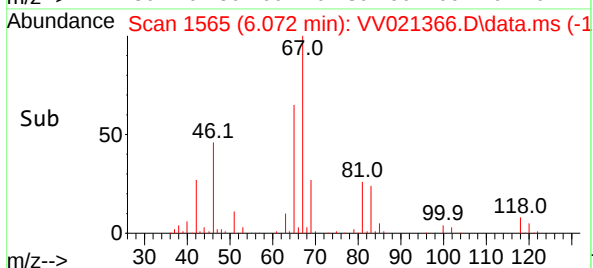
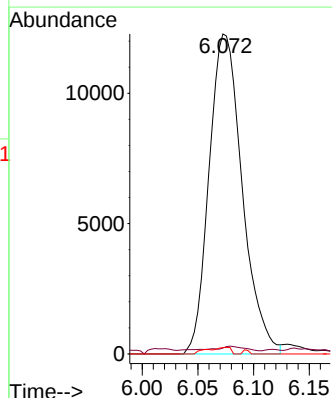
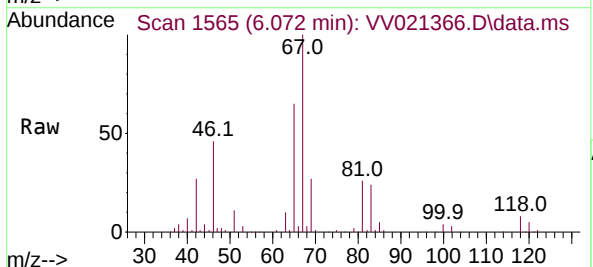
Ion	Ratio	Lower	Upper
95	100		
97	63.6	45.1	83.9
132	97.0	71.5	132.9
130	103.2	73.5	136.5

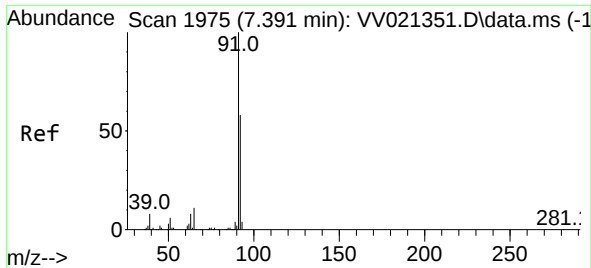


#35
Methylcyclohexane
Concen: 0.75 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV021366.D
Acq: 21 May 2021 18:11

Tgt Ion: 83 Resp: 25414

Ion	Ratio	Lower	Upper
83	100		
55	2.5	59.1	88.7#
98	1.4	40.1	60.1#

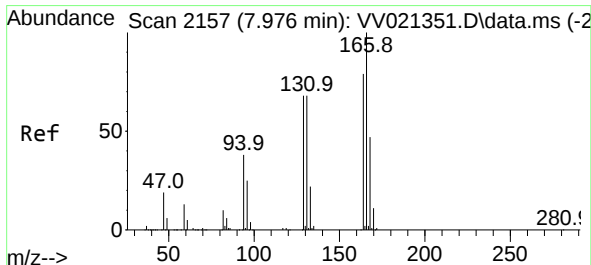
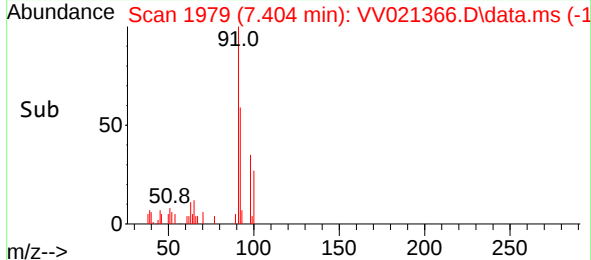
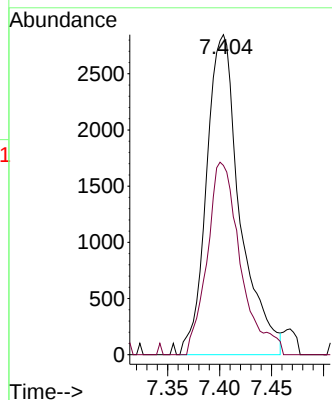
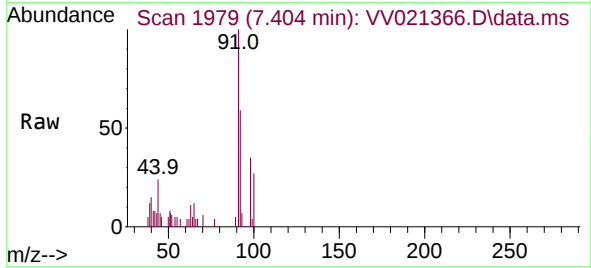




#42
Toluene
Concen: 0.08 ug/L
RT: 7.404 min Scan# 1979
Delta R.T. 0.013 min
Lab File: VV021366.D
Acq: 21 May 2021 18:11

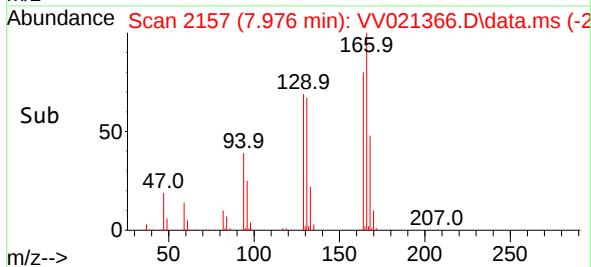
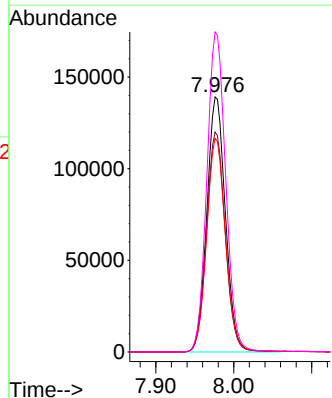
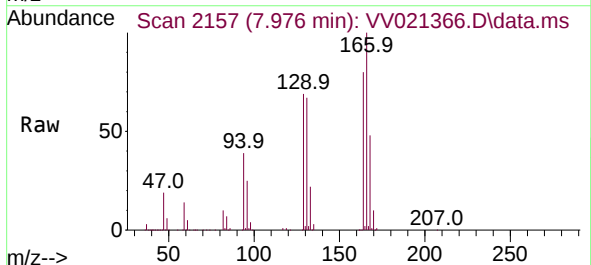
Instrument :
MSVOA_V
ClientSampled :

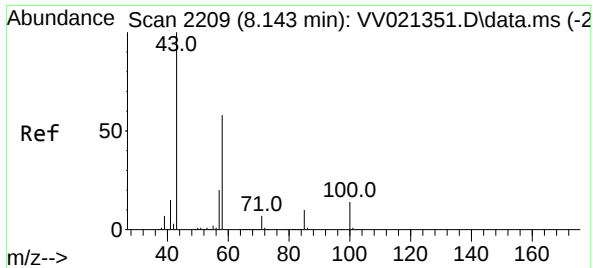
Tgt Ion: 91 Resp: 6385
Ion Ratio Lower Upper
91 100
92 59.2 40.5 75.1



#47
Tetrachloroethene
Concen: 12.69 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV021366.D
Acq: 21 May 2021 18:11

Tgt Ion: 164 Resp: 231851
Ion Ratio Lower Upper
164 100
129 86.2 65.0 120.6
131 83.8 61.8 114.8
166 125.5 88.1 163.5

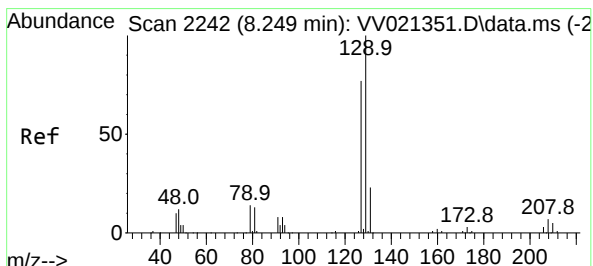
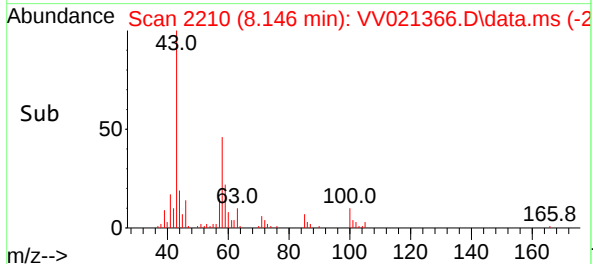
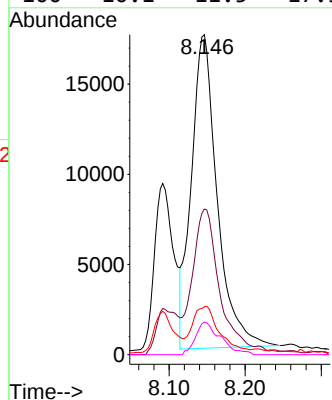
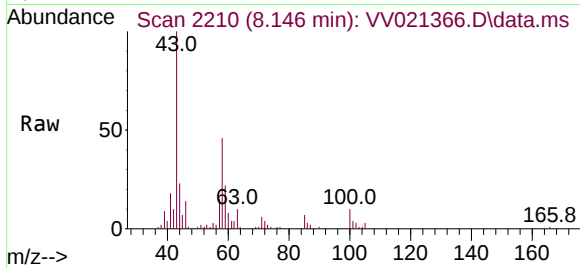




#48
2-Hexanone
Concen: 4.94 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VV021366.D
Acq: 21 May 2021 18:11

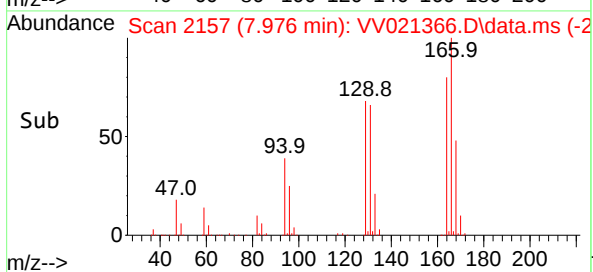
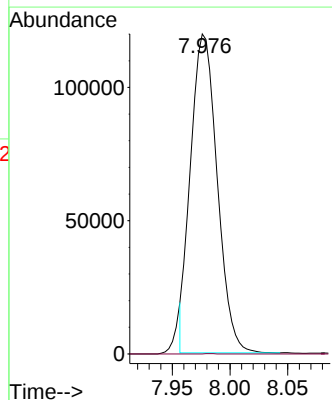
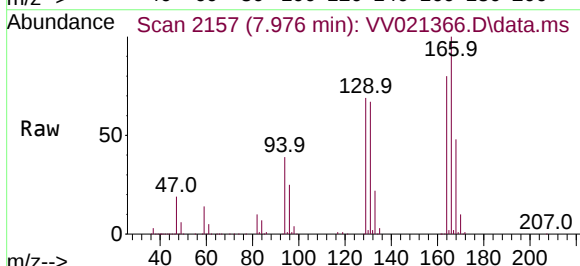
Instrument :
MSVOA_V
ClientSampleId :

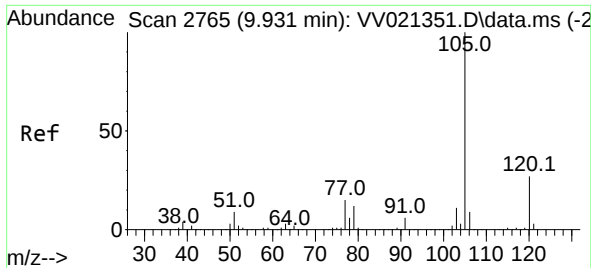
Tgt Ion:	43	Resp:	41135
Ion	Ratio	Lower	Upper
43	100		
58	44.8	47.8	71.8#
57	14.1	16.6	24.8#
100	10.1	11.5	17.3#



#49
Dibromochloromethane
Concen: 10.47 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.273 min
Lab File: VV021366.D
Acq: 21 May 2021 18:11

Tgt Ion:	129	Resp:	191159
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.6	99.6#

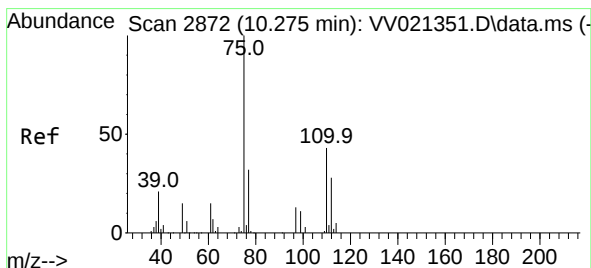
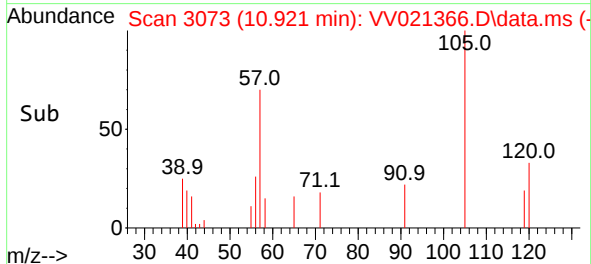
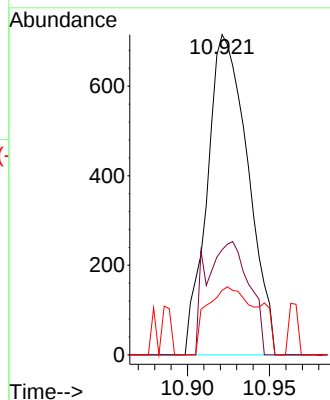
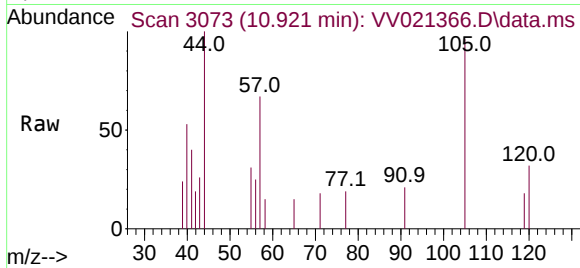




#60
Isopropylbenzene
Concen: 0.01 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.990 min
Lab File: VV021366.D
Acq: 21 May 2021 18:11

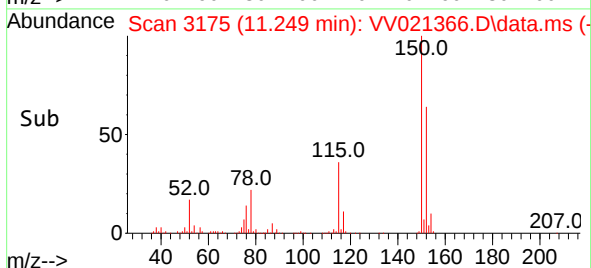
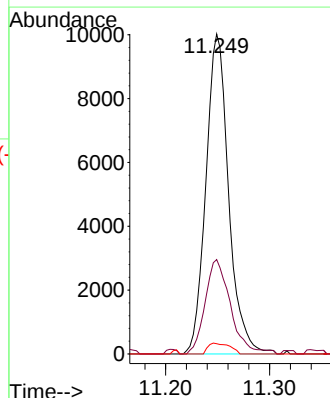
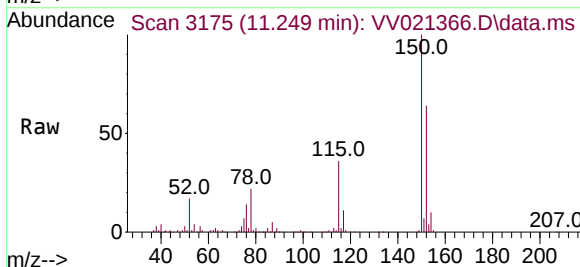
Instrument :
MSVOA_V
ClientSampled :

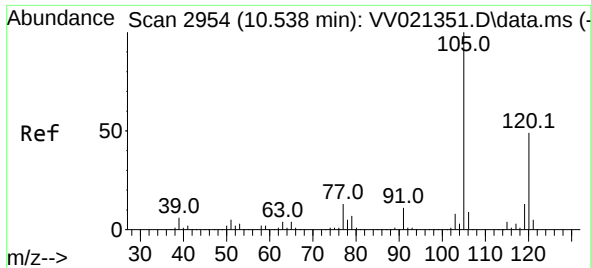
Tgt Ion:	105	Resp:	1233
Ion Ratio	Lower	Upper	
105	100		
120	37.0	21.7	32.5#
77	21.7	12.3	18.5#



#61
1,2,3-Trichloropropane
Concen: 1.43 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV021366.D
Acq: 21 May 2021 18:11

Tgt Ion:	75	Resp:	15221
Ion Ratio	Lower	Upper	
75	100		
77	33.0	26.1	39.1
110	3.2	33.2	49.8#

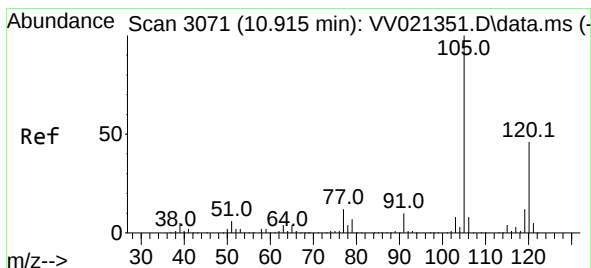
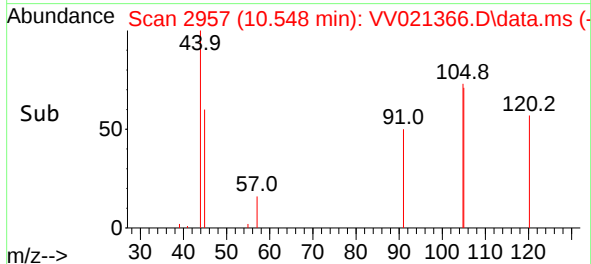
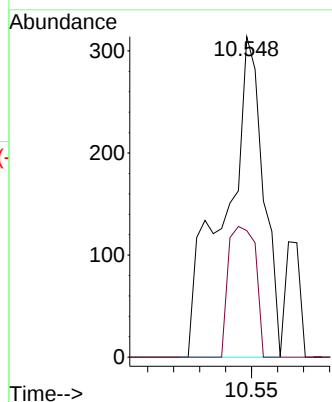
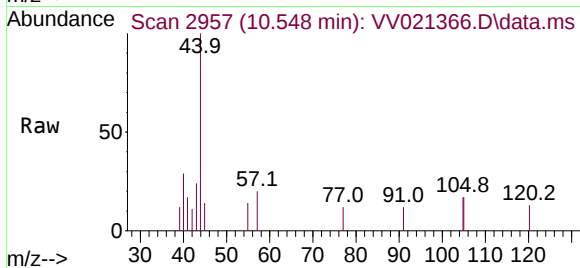




#62
1,3,5-Trimethylbenzene
Concen: 0.00 ug/L
RT: 10.548 min Scan# 2957
Delta R.T. 0.010 min
Lab File: VV021366.D
Acq: 21 May 2021 18:11

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:105 Resp: 325
Ion Ratio Lower Upper
105 100
120 0.0 39.4 59.0#



#63
1,2,4-Trimethylbenzene
Concen: 0.02 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.006 min
Lab File: VV021366.D
Acq: 21 May 2021 18:11

Tgt Ion:105 Resp: 1233
Ion Ratio Lower Upper
105 100
120 37.0 36.7 55.1

